<table>
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<tr>
<th>Proposal Title:</th>
<th>Mental Health Care in Iowa: The First Century, 1870-1970</th>
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<td>Principal Investigator:</td>
<td>Todd Ingram, Assistant Professor—Clinical at the College of Nursing, has been a psychiatric nurse in practice since 1980 and in academics since 1995. He brings a solid background of theoretical knowledge and years of practical experience in psychiatric care to the project. He is currently pursuing his idea for this project by coordinating contacts with institute personnel, conducting background research and directing honors students in timeline research related to the topic, as well as shooting video footage and assisting Dr. Eland (below) with acquiring the still photographic assets.</td>
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<td>Major Collaborator:</td>
<td>Dr. Jo Eland, Associate Professor at the College of Nursing, has already provided technical assistance with this project. Specifically, she has assisted me in acquiring the initial photographic assets for the project. At this point in time the two of us have spent two days photographing artifacts at Independence MHI, and one day at each of the other three, Mt. Pleasant, Clarinda, and Cherokee. We currently have over 700 photographic still pictures and several hours of digital video that will serve as the basis for the project. Dr. Eland is a professional photographer and operates a photographic business in addition to her academic responsibilities. She is becoming well known in the area of nature photography. In addition, Dr. Eland has a fifteen-year history of developing interactive media for use in teaching nursing students. This expertise will compensate for the author’s lack of extensive experience in this area. Dr. Eland’s history includes development of interactive learning programs ranging from Hypercard to Compact Disc Interactive, CD ROM, and DVD production.</td>
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<td>Consultant:</td>
<td>Dr. Kathleen Hanson, Associate Professor at the College of Nursing, has expressed willingness to act as a consultant on the project. Dr. Hanson is currently president of The National Nurse Historical Society, and she is the author of many articles on figures and events in nursing history.</td>
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<td>Department(s):</td>
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Introduction: This multimedia documentary project began as a way to introduce students in nursing and other health professions to the history of mental health care in Iowa’s large state institutions. That is still the main goal of the project and the reason for applying for funding from Academic Technologies. However, as my colleagues and I have continued to collect data, we have broadened our vision of where this project can lead. This will be the beginning of a series of projects that will educate many disciplines and the general public about an important segment of Iowa history. First on our list though is an educational documentary for health professions students. Our ideas and rationales follow.

Innovation and Education: The authors are aware that a similar project may have been done on this campus in a different area of study, but we are personally unaware of any projects. What makes this innovative is that it combines a variety of different media into one package that will illustrate the history of long-term mental health care in the state. Modern technology can take students on a virtual tour of these institutions from their beginnings into the modern era. Mixing pictures, video, narration, and eyewitness interviews with music and other sounds has the potential to create atmosphere and have a bolder educational impact. This material will make a stronger impression on students if emotions as well as intellect are stimulated.

Impact on Students: We feel budding professionals may have a greater appreciation for their chosen disciplines if they see where the discipline has been in the past. This can add to compassion for their clientele, and may augment their vision for their futures. This project can take students to all four state institutions where they can see the equipment used for treatment in the past, hear from professionals and others who have worked at the institutes since the middle of the last century, and learn what life was like for professionals and clients over the years—all without leaving the classroom. The eyewitness accounts would be difficult to duplicate each semester, and field trips to the four corners of the state would be impossible for a large number of students. Viewing this production in the classroom will expose students to the odd and primitive treatments of the past as well as the humanitarian intentions of the long-term care system. In addition, a classroom setting may provide for more discussion and in-depth exploration of the topics than a field trip allows. Teachers could even utilize our suggested in-class exercises to expand learning.

Initial Impact on Students and Other Departments/Units:

College of Nursing (number of students per semester)

- Psychiatric/Mental Health Theory and Clinical Practicum: 110 students
- Health Care Policy: 100 students
- Art and Science of Nursing: 75 students
Other Colleges and Departments

- No initial impact, but interest may be generated in Medicine, History, Sociology, Psychology, Pharmacy, Anthropology, College of Public Health, and possible interinstitutional collaboration with other state universities in the areas of agriculture, domestic science, and nutrition science.

Significance of the Project: One important aim of this project is to preserve a record of the artifacts and information from the long-term institutions before they are gone. We have visited all four institutes, photographing buildings (interior and exterior), documents, equipment, maps, old photos, and other items of historical interest. At every stop, the caretakers of the museums tell us of many items that has been destroyed or thrown away over the years. In addition, people who worked at these institutions many years ago are aging, and their stories need to be preserved for the benefit of students. Our plans to conduct interviews with many people of various backgrounds will help preserve this knowledge.

A second point is that to our knowledge, no one has produced a comprehensive project (such as a book or film) that chronicles the life and times in the Mental Health Institutes in Iowa (till the 1950’s called the Iowa Hospitals for the Insane). As our initial proposal mentioned, each of the four hospitals housed between 1,500 and 2,000 patients until the early 1960’s. This is a significant segment of the population, and had a great impact on local economies. It seems important to take this phenomenon out of hiding so students and others can learn about it.

What resources will you need?

This project is not currently cross-disciplinary, but it could be in the future. Future projects could involve faculty and staff from any of the areas listed above. We realize that a project like this now requires the assistance of a historian. Fortunately we have two well-known nurse historians at the College of Nursing, and one has consented at this time to act as a consultant to the project on content and methodology. A second nurse historian would be willing to consult also.

Project Budget:

1. Dual 1.8GHz Apple Power PC G5..............................$2,524.00

- 1GB DDR400 SDRAM (PC3200)-2x512
- 160GB Serial ATA-7200 RPM
- NVIDIA GeForce FX 5200 Ultra
- 56k V.92 internal modem
- Superdrive (DVD-R/CD-RW)
- Apple keyboard and Apple mouse—U.S. English
- Mac OS X—U.S. English
Rough estimate of costs

1. Apple Studio Display 17 inch flat panel..................$599.00
2. HP Deskjet 5650 Inkjet Printer..........................$149.00
3. Canon Canoscan Flatbed Scanner.........................$79.95
4. Photoshop Elements.....................................$99.00
5. Optura20 Mini DV Camcorder..........................$999.00
6. DVD-R disks, DV tapes, camera accessories.........$275.00

TOTAL COST ESTIMATE.....................................$4,724.95

Budget Justification:

Both the author and his technical advisor, Dr. Eland, have used the Macintosh platform in academic and other endeavors over the years. Dr. Eland has some of the appropriate computer and software for the project including the Adobe Creative Suite, DVD Studio Pro, and all still photographic equipment. The author has one of the second generation iMac (G3 processor) machines in his office which is several years old. The video production cannot be easily accomplished using this machine, thus necessitating the request for the G5 above and the additional software. The committee is probably aware that the Macintosh platform comes equipped with elementary production tools (iMovie, iDVD, iPhoto) which will serve the initial production very well. The addition of the digital video camera will provide for further video work for the project (exterior shots, interviews). The author has currently been using a borrowed camera for this work.

The College of Nursing will provide the gift in kind of Dr. Eland’s and Dr. Hanson’s time as well as the consumables for the project.

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